

EF

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	3165	filter with (remov\$3 eliminat\$3 delet\$3 minimiz\$3) adj4 (AC alternating current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/13 15:12
L3	2	filter with (remov\$3 eliminat\$3 delet\$3 minimiz\$3) adj4 (AC alternating current) and (VCO voltage adj control\$3 adj oscillator) and (plurality multiple many several) adj feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/13 15:26
L4	220	filter with (remov\$3 eliminat\$3 delet\$3 minimiz\$3) adj4 (AC alternating current) and (VCO voltage adj control\$3 adj oscillator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/13 15:23
L5	56	filter with (remov\$3 eliminat\$3 delet\$3 minimiz\$3) adj4 (AC alternating current) and (VCO voltage adj control\$3 adj oscillator) and ("375"/\$.ccls. "455"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/13 15:23
L6	2	filter with (remov\$3 eliminat\$3 delet\$3 minimiz\$3) adj4 (voltage) and (VCO voltage adj control\$3 adj oscillator) and (plurality multiple many several) adj feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/13 15:27
L7	3	filter with (remov\$3 eliminat\$3 delet\$3 minimiz\$3) adj4 (voltage) and (VCO voltage adj control\$3 adj oscillator) and (plurality multiple many several) adj2 feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/13 15:42
L8	27	filter with (remov\$3 eliminat\$3 delet\$3 minimiz\$3) adj ac adj (voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/13 15:43
L9	26	filter with (remov\$3 eliminat\$3 delet\$3 minimiz\$3) adj ac adj (voltage) not I7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/13 16:37

## EAST Search History

L10	2	("5960042").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 16:38
L11	0	two adj level adj PAM and four adj level adj PAM and multilevel adj signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/13 16:56
L12	0	two adj level adj (PAM pulse adj amplitude adj modulation) and four adj level adj (PAM pulse adj amplitude adj modulation) and multilevel adj signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/13 16:55
L13	1	two-level adj (pulse adj amplitude adj modulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/13 16:56
L14	4	two adj level adj (pulse adj amplitude adj modulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/13 16:57
L15	20	MULTILEVEL ADJ PAM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/13 17:14
S1	200	gist.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/01 16:32
S2	1	((three or "3" or third) near4 (integrat\$3 adj (detect\$3 or amplif\$4)) and (subtractor or adder or difference or "rc filter" or "threshold detector") and vco and interpolator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/01 16:38

## EAST Search History

S3	14	receiver.ti. and integrator and "loop filter" and vco and interpolator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/01 16:48
S4	1137	receiver.ti. and integrator.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/01 16:48
S5	69	receiver.ti. and integrator.ab. and filter and difference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/01 18:38
S6	19	receiver.ti. and integrator.ab. and filter and difference and "375"/\$. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/01 16:49
S7	1237	receiver.ti. and integrat\$4 and phase and feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/01 18:42
S8	88	receiver.ti. and third with integrat\$4 and phase and feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/01 18:50
S9	35	receiver.ti. and third with (integrating or integrator) and phase and feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 11:23
S10	157	receiver with third with (integrating or integrator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 11:23

## EAST Search History

S11	2220	375/376.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 11:59
S12	874	375/376.ccls. and receiver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 11:59
S13	198	375/376.ccls. and receiver and integrator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 11:59
S14	146	375/376.ccls. and receiver and integrator and (vco or "voltage controlled oscillator")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 12:00
S16	10	375/376.ccls. and receiver and integrator and (vco or "voltage controlled oscillator") and interpolator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 15:48
S17	1887	"three integrators" or "3 integrators" or "third integrator" or "3rd integrator"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 15:49
S18	1877	"three integrators" or "3 integrators" or "third integrator" or "3rd integrator" and receiver.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 15:50
S19	1877	"three integrators" or "3 integrators" or "third integrator" or "3rd integrator" and receiver.ab. and "375"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 15:52

## EAST Search History

S20	1877	"three integrators" or "3 integrators" or "third integrator" or "3rd integrator" and receiver.ab. and "375"/\$.ccls. and vco	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 15:52
S21	340	"three integrators"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 15:53
S22	5	"three integrators" and receiver.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 15:55
S23	14	"three integrators" and receiver.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 16:26
S24	1	receiver same "loop filter" same interpolator same vco	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 16:30
S25	128	receiver and "loop filter" and interpolator and vco	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 16:30
S26	49	receiver.ab. and "loop filter" and interpolator and vco	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 18:37
S27	1	"multi-level source synchronous signal"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 18:39

## EAST Search History

S28	871	"multi-level" and synchronous and receiver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 18:39
S29	9	("multi-level" and synchronous and receiver).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 18:46
S30	0	("multi-level" and synchronous and receiver).ab. and pam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 19:04
S31	4	((multi or multiple) adj level) and synchronous and receiver).ab. and pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 19:06
S32	11	((multi or multiple) adj level) and synchronous and receiver).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 19:06
S33	2	"6263014".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/10 16:12
S34	341	(receiver receive receiving) with (synchronous synchronized) with signal with feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/10 16:29
S35	6	(receiver receive receiving) with (synchronous synchronized) with plurality adj3 signal with feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/10 16:30

## EAST Search History

S36	28	(synchronous synchronized) with plurality adj3 signal with feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/10 16:30
S37	2934	receiver and synchron\$3 and early and late	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/18 13:45
S38	187	receiver same synchron\$3 same early same late	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/18 14:03
S39	5	receiver same synchron\$3 same early adj2 signal same late adj2 signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/18 13:59
S40	19	receiver same early same late and source adj synchronous	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/18 14:25
S41	2	"6570944".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/18 14:27
S42	2	("6570944").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/10 19:32
S43	12	receiv\$3 adj3 synchronous adj signal with feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/10 20:08

## EAST Search History

S44	0	receiv\$3 adj3 synchronous adj signal with feedback and multilevel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/10 19:58
S45	0	receiv\$3 adj3 synchronous adj signal with feedback and multi adj level	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/10 19:58
S46	49	chang.in. and multilevel.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/10 20:53
S47	274	first adj demodulator same second adj demodulator same (select selectively selecting control controlling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/10 20:57
S48	175	first adj demodulator same second adj demodulator same (select selectively selecting switch switching)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/10 21:01
S49	32	first adj demodulator same second adj demodulator same (select selectively selecting switch switching) and pattern	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/10 21:02
S50	2	("20020003453").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/17 12:23
S51	23	(synchroniz\$5 synchronis\$5) with (plurality multiple several) adj feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 13:55



## EAST Search History

S52	16	(synchroniz\$5 synchronis\$5) with (plurality multiple several) adj feedback and integrat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 13:59
S53	3	(synchroniz\$5 synchronis\$5) with (plurality multiple several) adj feedback and integrat\$3 with feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 21:16
S54	2500	375/376.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 13:32
S55	106	synchronous and (plurality multiple several two second three third) adj feedback same synchroniz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 14:10
S56	48	synchronous and (plurality multiple several two second three third) adj feedback same synchroniz\$5 same receiv\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 15:10
S57	8	((("5982836") or ("6487243") or ("6469550") or ("20010038568")). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/04 15:13
S58	2	S57 and integrat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 15:19
S59	7	S57 and phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 15:19

## EAST Search History

S60	26	receiv\$3 and (multiple plurality several three four five) adj feedback with (synchron\$5 synchronis\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 14:13
S61	15	receiver and (multiple plurality several three four five) adj feedback same (synchron\$5 synchronis\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 14:13
S62	6	receiver and (multiple plurality several three four five) adj feedback same (synchron\$5 synchronis\$5) not S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 14:13
S63	2	("5960042").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 14:54
S64	2	("4347484").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 17:31
S65	2	("4347484").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 17:31
S66	2	("4347484").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 17:32
S67	1	voltage with filter and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 18:03

## EAST Search History

S68	0	phase adj lock\$2 adj loop same (plurality multiple several) adj feedback same phase adj interpolat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 18:04
S69	33	phase adj lock\$2 adj loop same (plurality multiple several) adj feedback same phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/13 15:11
S70	2	("20020149824").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 22:23
S71	2	("20050238362").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/12 22:23